

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: J. A. Neal

GENERAL INFORMATION:

Name:	TransMontaigne Terminaling, Incorporated - Paducah Complex
Address:	233 Elizabeth St., Paducah, Kentucky
Date application received:	February 23, 1999
SIC/Source description:	4226
AFS(10-digit) Plant ID:	21-145-00052
EIS #:	072-2460-0052
Application log number:	G019
Permit number:	V-99-021

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	0.55	0.55
SO ₂	0.01	0.01
NO _x	17.48	17.48
CO	2.94	2.94
VOC	99.64(~100)	99.64(~100)
LEAD	NA	NA
HAP \geq 10 tpy (by CAS)	*	*

*Hexane-1.92 TPY, Benzene-0.75 TPY, Toluene-0.79 TPY, Xylene-0.45 TPY, Ethylbenzene-0.25 TPY, MTBE- 3.49 TPY, other-0.19 TPY, & Total HAPs-7.82 TPY.

SOURCE PROCESS DESCRIPTION:

This bulk gasoline terminal is located in Paducah, Kentucky (Paducah/Cairo area). It dispenses: diesel fuel, conventional gasoline, resin oil No.80, jet A/kerosene, and xylene(-m). Currently, the terminal is using 13 internal floating roof storage tanks for gasoline. All of these gasoline storage tanks are existing, and were constructed prior to 1972. Six (6) diesel (low VP petroleum product) storage tanks are existing. Please refer to Section C - INSIGNIFICANT ACTIVITIES of the draft permit for a lists of these facilities. Two loading racks are in operation. A two-bay unit with eleven (11) loading arms is located at the Paducah facility and a unit with fourteen (14) loading arms at the Riverway facility. The gasoline loading rack at the Paducah facility is controlled by a 94% efficient John Zinc flare and the gasoline loading rack at the Riverway facility is controlled by a 95% efficient Adsorption/Absorption Vapor Recovery Unit. The terminal complex currently processes 430,031,340 gallons/year of conventional gasoline, 325,013,450 gallons/year of diesel, 73,298,390 gallons/year of resin oil No. 80, 49,688,000 gallons/year of jet A/kerosene and 10,000,000 gallons/year Xylene (-m).

EMISSION AND OPERATING CAPS DESCRIPTION:

VOC emissions from the loading rack are controlled by a flare (Paducah facility) and an adsorption/absorption vapor recovery unit (Riverway facility). Emissions are below the standard of 35 grams/liter of gasoline transferred. All gasoline storage tanks have floating roofs. Through recordkeeping and reporting, the terminal will maintain parameters which will ensure operation below any emission limits or standards.